

Amendments to the Specification:

Please replace paragraph 1 of page 10 with the following amended paragraph:

B¹
A ~~data~~ document type definition file ("DTD") defines how non XML data is to be converted into XML. According to one embodiment, DTDs are used to define how data that is generated by the database application is to be converted into XML. For example, a DTD may indicate that data from a particular database field should be wrapped with specific XML tags to produce XML output. According to one embodiment, the several pieces of data that flow between a client and a server are identified, and DTDs are developed for each piece of such data.

Please replace paragraph 2 on page 22 with the following amended paragraph:

B²
Subsequently, the I/O handler 306 reads raw data from the client 304, formats it and sends it to the Telnet State Machine 308. The State Machine 308 formulates queries based on user input and calls the appropriate query handler function in an MUI server 310. The state machine 308 also maintains a dynamic page log that it uses to control the state (page and fields) of the client 304. Based on the query string sent by the Telnet State Machine 308, the MUI server 310 formulates the actual SQL query using the appropriate query handling function and sends it to the database 312. The MUI server 310 also uses a connection pool to efficiently handle connections to the database 312. The database 312 processes the query and sends back the result-set encoded in XML to the MUI server 310. The MUI server 310 next calls the XSL parser using the relevant XSL Style-sheet and the XML DTD (~~Data~~ document type definition). The processed

style-sheet is then sent to the Telnet State Machine 308. The State Machine 308 formats the data

B2 for printing and sends the result text to be printed to the I/O handler 306. The handler 306 finally dumps the final output to the Telnet Client 304.
